

**LIQUID OVEN CLEANER**  
(SURFACTANTS/SOLVENT/SILICONE/PHOSPHATE/SILICATE)

**Raw Materials**

1. Kelzan Thickener
2. Trisodium Phosphate
3. Sodium Metasilicate
4. Sulfo-nate OA5 Wetting Agent
5. Brij 96 Surfactant
6. Silicone Oil DC-200 (350 cs)
7. Hexane
8. Water

Percent  
by Weight

0.1  
3.2  
1.1  
2.1  
3.2  
4.0  
4.2  
82.1  
100.0

**Key Properties**

Easy and economical to use  
Long shelf life  
Viscosity temperature stable  
Excellent compatibility  
Excellent cling to inclined surfaces  
Good

Source: Kelco Division, Merck & Co., Inc., 20 North Wacker Drive, Chicago, IL 60606.  
Technical Bulletin I-20: Sample Formulation.

**LIQUID AEROSOL OVEN CLEANER**  
(GLYCOL ETHER/SURFACTANTS/CAUSTIC)

**Raw Materials**

1. Water
2. Veegum T Stabilizer
3. Dowanol TPM Glycol Ether
4. Igepal CO-630 Surfactant
5. Sodium Hydroxide (30% Solution)
6. Dowfax 2A1 Surfactant (45% Solution)
7. Isobutane

Percent  
by Weight

46.0  
1.5  
20.0  
1.0  
12.0  
15.0  
4.5  
100.0

**Formulation Notes**

Can—Standard tin lined, low tin solder.  
Valve—Neoprene gasket, 70 durometer.

**Key Property**

Used for high temperature properties and coupling ability

Source: Dow Chemical U.S.A., Midland, MI 48640.  
P-Series Dowanol Glycol Ethers in Cleaning Formulations.

**LIQUID AEROSOL OVEN CLEANER**  
(GLYCOL ETHER/SURFACTANTS/CAUSTIC/SOLVENTS)

**Raw Materials**

1. Water
2. Veegum T Stabilizer
3. Dowanol TPM Glycol Ether
4. Igepal CO-630 Surfactant
5. Sodium Hydroxide (30%)
6. Dowfax 2A1 Surfactant
7. Isobutane

Percent  
by Weight

46.0  
1.5  
20.0  
1.0  
12.0  
15.0  
4.5  
100.0

**Formulation Notes**

Packaging Instructions:  
Packaging—Standard tin liner, low tin solder.  
Valve—Neoprene gasket, 70 durometer.

**Key Property**

High temperature properties and coupling ability

Source: Dow Chemical U.S.A., Midland, MI 48640.  
The Glycol Ethers Handbook.

**LIQUID GENERAL PURPOSE MEDIUM DUTY ALKALINE OVEN CLEANER**  
(SURFACTANT/CAUSTIC/SILICATE)

**Raw Materials**

1. Water
2. Magnesium Aluminum Silicate
3. Xanthan Gum
4. Sodium Hydroxide (50% Solution)
5. Monateric Cy Na-50 Surfactant

Percent  
by Weight

78.4  
1.2  
0.4  
10.0  
10.0  
100.0

**Formulation Note**

Use level is "as is."

**Key Properties**

Improved cleaning and rinsing properties  
Improved detergency and wetting action  
Extreme mildness  
Good biodegradability  
Low foaming

Source: Mona Industries, Inc., 76 East 24th St., P.O. Box 425, Paterson, NJ 07544.  
Technical Bulletin: Amphoteric: Liquid Alkaline Cleaners: No. 9.